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Attorney's Docket No.: 5214P001R

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re of Application of:

Kuriacose Joseph, et al.

Examiner: Kalinowski, A.

Application No.: 09/672,523

Art Group: 2761

Filing Date: September 27, 2000

For: APPARATUS FOR TRANSMITTING
AND RECEIVING EXECUTABLE
APPLICATIONS AS FOR A
MULTIMEDIA SYSTEM, AND SYSTEM
TO ORDER AN ITEM USING A
DISTRIBUTED COMPUTING SYSTEM

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 03/21/, 2002



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03/21/2002 09:40



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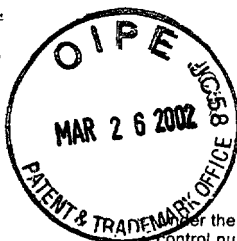
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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/672,523	
			Filing Date	09/27/2000	
			First Named Inventor	Kuriacose Joseph	
			Art Unit	2761	
			Examiner Name	Kalinowski, A.	
Sheet	1	of	5	Attorney Docket Number	5214P001R

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 3,803,491	04.09.1974	Osborn	
	2	US- 3,891,792	06.24.1975	Kimura	
	3	US- 4,264,925	04.28.1981	Freeman et al.	
	4	US- 4,323,922	04.06.1982	den Toonder et al.	
	5	US- 4,528,589	07.09.1985	Block et al.	
	6	US- 4,724,521	02.09.1988	Carron et al.	
	7	US- 4,851,994	07.25.1989	Toda et al.	
	8	US- 4,935,870	06.19.1990	Burk, Jr. et al.	
	9	US- 4,937,784	06.26.1990	Masai et al.	
	10	US- 4,965,825	10.23.1990	Harvey et al.	
	11	US- 4,991,011	02.05.1991	Johnson et al.	
	12	US- 5,003,591	03.26.1991	Kaufman et al.	
	13	US- 5,036,314	07.30.1991	Barillari et al.	
	14	US- 5,129,080	07.07.1992	Smith	
	15	US- 5,132,992	07.21.1992	Yurt et al.	
	16	US- 5,191,410	03.02.1993	McCalley et al.	
	17	US- 5,191,573	03.02.1993	Hair	
	18	US- 5,195,092	03.16.1993	Wilson et al.	
	19	US- 5,204,947	04.20.1993	Bernstein et al.	
	20	US- 5,233, 654	08.03.1993	Harvey et al.	

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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			
	21	EP	0 145 063 A2	06.19.1985	International Standard Electric Corporation	
	22	EP	0 145 063 B1	06.19.1985	International Standard Electric Corporation	
	23	EP	0 570 683 A2	11.24.1993	International Business Machines Corporation	
	24	EP	0 570 683 A3	11.24.1993	International Business Machines Corporation	
	25	EP	0 583 186 B1	02.16.1994	Queniat, Jean-François	
	26	EP	0 399 300 A2	11.28.1990	Hitachi, LTD.	
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		Filing Date	09/27/2000		
		First Named Inventor	Kuriacose Joseph		
		Group Art Unit	2761		
		Examiner Name	Kalinowski, A.		
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Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	31	Green N, Hedger J, "ORACLE on Independent Television" Sept. 1976.
	32	Hedger, J, "Broadcast Telesoftware: Experience with ORACLE" Online conferences Ltd., 1980.
	33	Ammar M H, Wong JW, "The Design of Teletext Broadcast Cycles" Elsevier Science Publishers B.V., 1985 (Received May 13, 1984). [Wong's group, Dept of Computer Science, University of Waterloo, Ontario, Canada]
	34	Gifford D K, Lucassen J M, Berlin S T, "The Application of Digital Broadcast Communication to Large Scale Information Systems" IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 3, May 1985 (received Sept. 19, 1984). [MIT lab, Gifford's group]
	35	Wong J W, "Broadcast Delivery" Proceedings of IEEE, Vol. 76, No. 12, Dec 1988 (Received April 15 1988).
	36	Herman G, Gopal G, Lee K C, Weinrib A, "The Datacycle Architecture for Very High Throughput Database Systems" Proceedings of Association for Computing Machinery Special Interest Group on Management of Data, 1987 Annual Conference, San Francisco, May 27-29, 1987 [Bell Lab, Herman & Gopal's group, Bell Communications Research, Inc., Morristown, NJ]
	37	Gifford D K, "Polychannel Systems for Mass Digital Communication" Communications of ACM, Vol. 33, Number 2, Feb. 1990. [MIT lab, Gifford's group]
	38	Bowen T F, Goapl G, Herman G, Hickey T, Lee K C, Mansfield W H, Raitz J, Weinrib A, "The Datacycle Architecture" Communications of the ACM, Vol. 35, No. 12, Dec. 1992.
	39	Antonelli C J, Honeyman P, "Integrating Mass Storage and File Systems", Proceedings, Twelfth IEEE Symposium on Mass Storage Systems, April 26-29, 1993, Monterey, CA.
	40	Zdonik S, "Are "Disks in the Air" Just Pie in the Sky?" IEEE, Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, Dec. 1994. [Brown's lab, Zdonik's Group, Dept. of Computer Science, Brown Univ., affiliated with Dept. of Computer Science, University of Maryland]
	41	Acharya S, Alonso R, Franklin M, Zdonik S, "Broadcast Disk: Data Management for Asymmetric Communication Environments" Proceedings of the ACM SIGMOD International conference on Management of Data, San Jose, CA May 1995 (first published in Brown University Technical Report CS-94-43, October 1994).

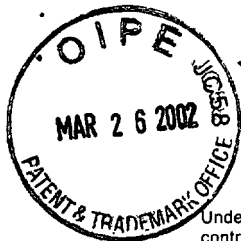
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		First Named Inventor	Kuriacose Joseph		
		Art Unit	2761		
		Examiner Name	Kalinowski, A.		
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		Number - Kind Code ² (if known)			
	1	US- 5,343,239	08.30.1994	Lappington et al.	
	2	US- 5,440,744	08.08.1995	Jacobson et al.	
	3	US- 5,539,449	07.23.1996	Blahut et al.	
	4	US- 5,548,532	08.20.1996	Menand et al.	
	5	US- 5,600,364	02.04.1997	Hendricks et al.	
	6	US- 5,666,293	09.09.1997	Metz et al.	
	7	US- 5,729,549	03.17.1998	Kostreski et al.	
	8	US- 5,734,589	03.31.1998	Kostreski et al.	
	9	US- 5,768,539	06.16.1998	Metz et al.	
	10	US- 5,805,825	09.08.1998	Danneels et al.	
	11	US- 5,822,324	10.13.1998	Kostreski et al.	
	12	US- 5,826,166	10.20.1998	Brooks et al.	
	13	US- 5,951,639	09.14.1999	MacInnis	
	14	US- 5,973,684	10.26.1999	Brooks et al.	
	15	US- 5,978,855	11.02.1999	Metz et al.	
	16	US- 6,130,898	10.10.2000	Kostreski et al.	
	17	US- 6,185,585 B1	02.06.2001	Sequeira	
	18	US- 6,195,364 B1	02.27.2001	Brodigan	
	19	US- 6,222,530 B1	04.24.2001	Sequeira	
	20	US- 5,936,659	08-10-1999	Viswanathan et al.	

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		Filing Date	09/27/2000
		First Named Inventor	Kuriacose Joseph
		Group Art Unit	2761
		Examiner Name	Kalinowski, A.
		Attorney Docket Number	5214P001R
Sheet	4	of	5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	31	Acharya S, Alonso R, Franklin M, Zdonik S, "Dissemination-based Data Delivery Using Broadcast Disks" IEEE Personal Communications, Vol. 2(6), 50-60, 1995.	
	32	Imielinski T, Viswanathan S, Badrinath B R, "Power Efficient Filtering of Data on Air" Advances in Database Technology - EDBT '94, Proceedings, 4th International conference on Extending Database Technology, Cambridge, United Kingdom, March 28-31, 1994 [Rutger's group, Imielinski's lab, Dept of Computer Science, Rutgers University]	
	33	Imielinski T, Viswanathan S, Badrinath B R, "Energy Efficient Indexing on Air" Proceedings of the 1994 ACM SIGMOD, International Conference on Management of Data, Minneapolis, Minnesota, May 24-27, 1994.	
	34	Imieliski T, Badrinath B R, "Mobile Wireless Computing" Communications of the ACM, Vol. 37, No. 10, October 1994.	
	35	Dr. Hisham El-Shishiny, et al., "A Regional Broadcast-Centric Education System", IEEE Symposium on Computers and Communications, Alexandria, Egypt, July 1-3, 1997.	
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Sheet

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of

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Complete if Known

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First Named Inventor	Kuriacose Joseph
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		Number - Kind Code ² (if known)			
	1	US- 6,240,448 B1	05-29-2001	Imielinski et al.	
	2	US- 5,706,435	01-06-1998	Barbará et al.	
	3	US- 5,168,356	12-01-1992	Acampora et al.	
	4	US- 5,581,704	12-03-1996	Barbará et al.	
	5	US-			
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